

AMENDMENTS TO THE CLAIMS

1-18 (Canceled)

19. (Previously presented) A throughflow cylinder for drying a fiber web in a throughflow drying unit, said throughflow cylinder being comprised of fiber-reinforced plastic, further including a plurality of webs extending in a circumferential direction and a plurality of webs extending in an axial direction, said plurality of webs extending in a circumferential direction including said fiber-reinforced plastic having a plurality of fibers that are substantially oriented in said circumferential direction, said plurality of webs extending in an axial direction including metal, said plurality of webs extending in an axial direction including cutouts for said plurality of webs extending in a circumferential direction.

20. (Previously presented) The throughflow cylinder of claim 19, wherein said plurality of webs extending in a circumferential direction are ring-shaped.

21. (Previously presented) The throughflow cylinder of claim 19, wherein said plurality of webs extending in a circumferential direction are adhesively bonded to said plurality of webs extending in an axial direction.

22. (Original) The throughflow cylinder of claim 19, further including a floating bearing connected to said throughflow cylinder.

23. (Currently amended) A throughflow cylinder for drying a fiber web in a throughflow drying unit, said throughflow cylinder being comprised of fiber-reinforced plastic, further

including a plurality of webs extending in a circumferential direction and a plurality of webs extending in an axial direction, both said plurality of webs extending in a circumferential direction and said plurality of webs extending in an axial direction including said fiber-reinforced plastic, said plurality of webs extending in a circumferential direction connected to said plurality of webs extending in an axial direction in a shaped matched manner, said plurality of webs extending in a circumferential direction adhesively bonded to said plurality of webs extending in an axial direction, said fiber-reinforced plastic having a plurality of fibers that are substantially oriented in said circumferential direction.

24. (Previously presented) The throughflow cylinder of claim 23, wherein said plurality of webs extending in a circumferential direction are ring-shaped.

25. (Previously presented) The throughflow cylinder of claim 23, wherein said plurality of webs extending in a circumferential direction include a plurality of fibers oriented in said circumferential direction, said plurality of webs extending in an axial direction include a plurality of fibers oriented in said axial direction.

26. (Original) The throughflow cylinder of claim 23, further including a jacket having a plurality of four-cornered passage openings.

27. (Original) The throughflow cylinder of claim 26, wherein said plurality of four-cornered passage openings are a plurality of square passage openings.

28. (Original) The throughflow cylinder of claim 26, wherein said plurality of four-cornered passage openings are a plurality of rectangular passage openings.

29. (Previously presented) The throughflow cylinder of claim 26, wherein said plurality of four-cornered passage openings are formed between said plurality of webs extending in a circumferential direction and said plurality of webs extending in an axial direction.

30. (Original) The throughflow cylinder of claim 26, wherein an open area of said plurality of four-cornered passage openings is between approximately 95% and 98%.

31. (Original) The throughflow cylinder of claim 26, wherein at least one of said plurality of four-cornered passage openings measures approximately 60 mm by 120 mm.

32. (Previously presented) The throughflow cylinder of claim 23, wherein said plurality of webs extending in an axial direction are at least one of equal and higher than said plurality of webs extending in a circumferential direction.

33. (Previously presented) The throughflow cylinder of claim 23, wherein both said plurality of webs extending in a circumferential direction and said plurality of webs extending in an axial direction end in a circumferential plane.

34. (Previously presented) The throughflow cylinder of claim 23, wherein said plurality of webs extending in an axial direction project radially outwardly respective to said plurality of webs extending in a circumferential direction.

35-46 (Canceled)

47. (Currently amended) A throughflow cylinder for drying a fiber web in a throughflow drying unit, said throughflow cylinder being comprised of fiber-reinforced plastic, further including a plurality of webs extending in a circumferential direction and a plurality of webs extending in an axial direction, both said plurality of webs extending in a circumferential direction and said plurality of webs extending in an axial direction including a plurality of apertures, said fiber-reinforced plastic having a plurality of fibers that are substantially oriented in said circumferential direction.

48. (Original) The throughflow cylinder of claim 47, wherein said plurality of webs extending in an axial direction include a height, said height is greater than approximately 100 mm.

49. (Original) The throughflow cylinder of claim 48, wherein said height is greater than approximately 200 mm.

50. (Original) The throughflow cylinder of claim 47, further including a plurality of connection passages between adjacent said plurality of apertures.

51-52 (Canceled)